

FIG. 1

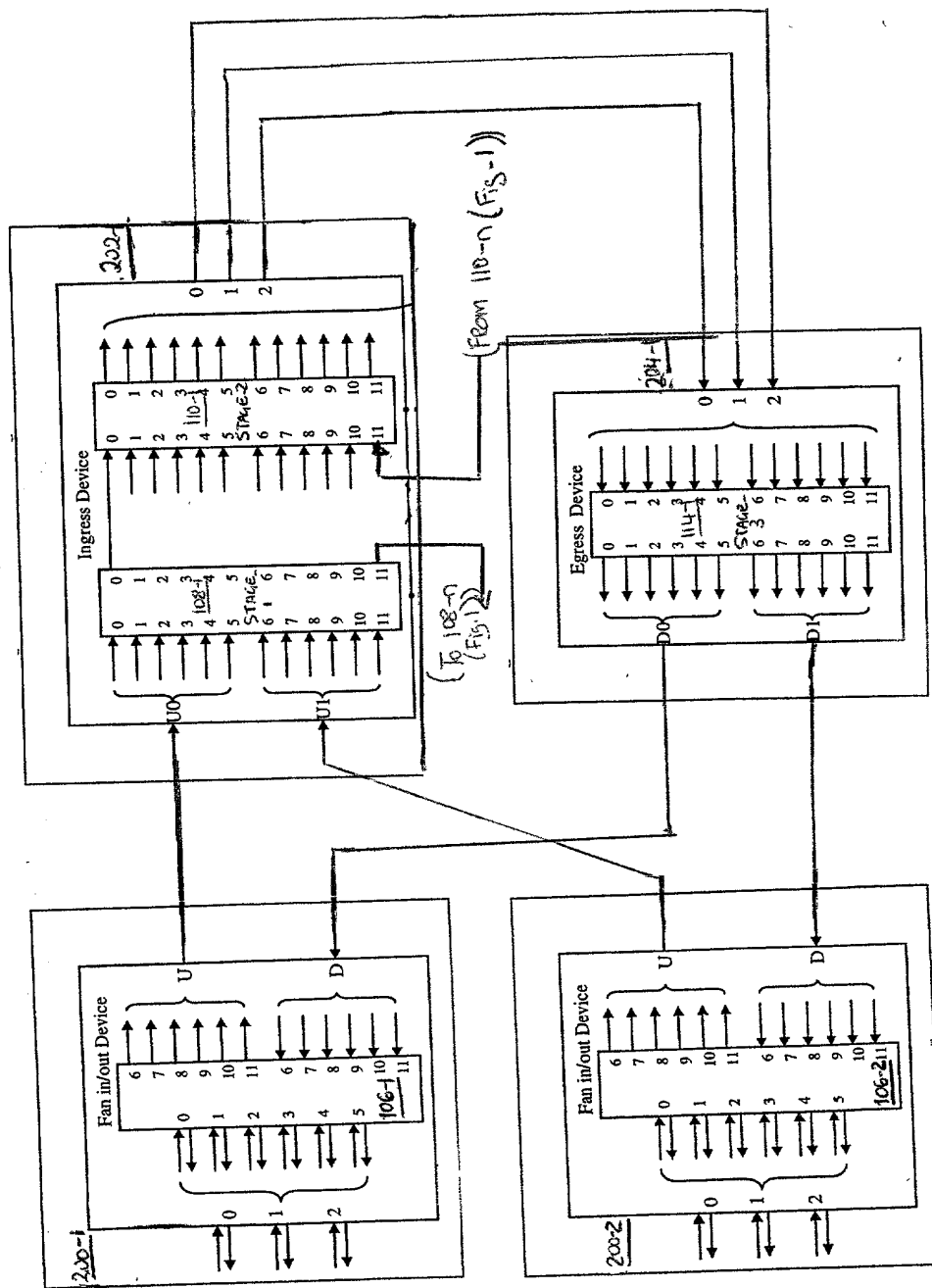


FIG. 2

104-1

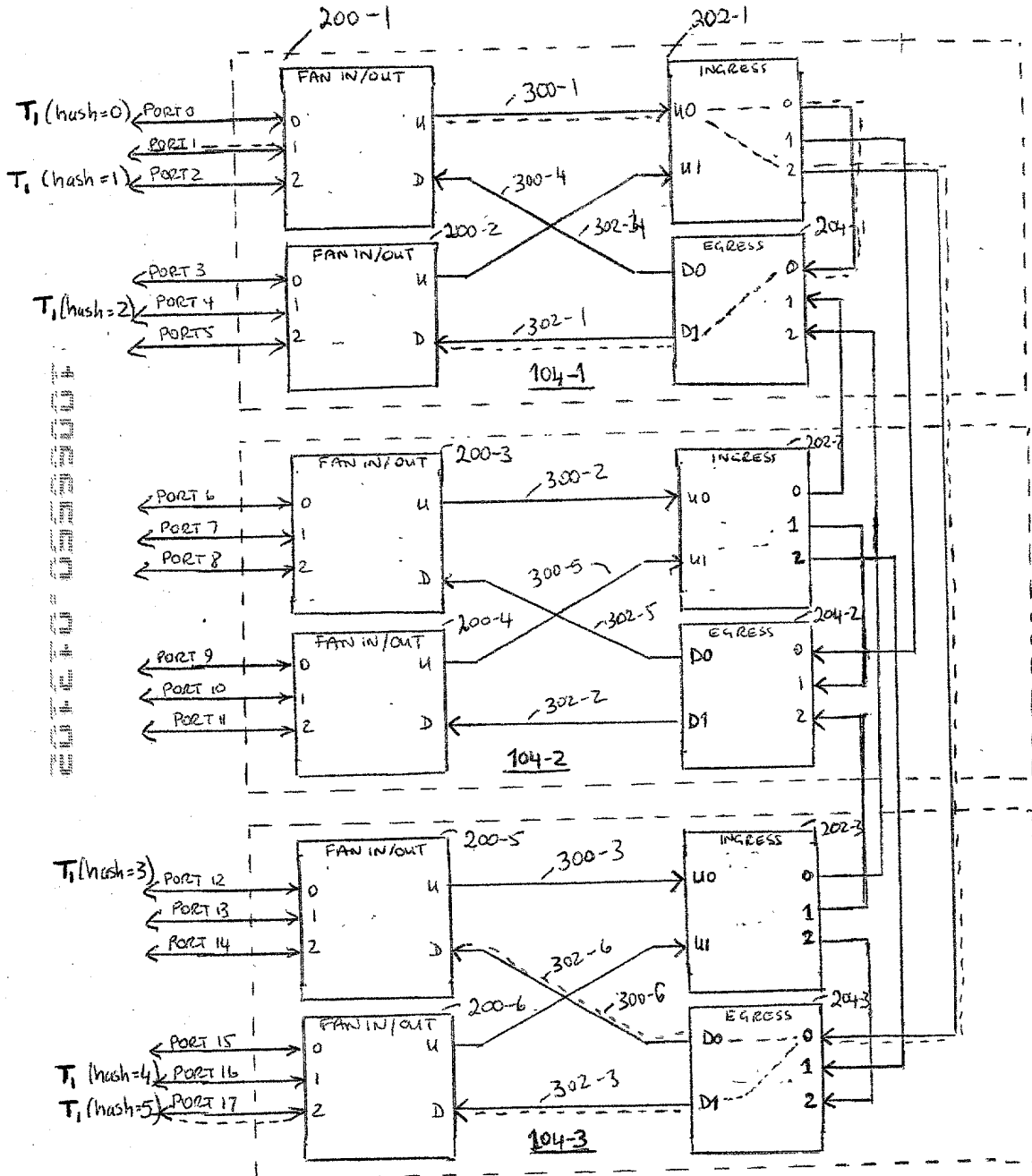
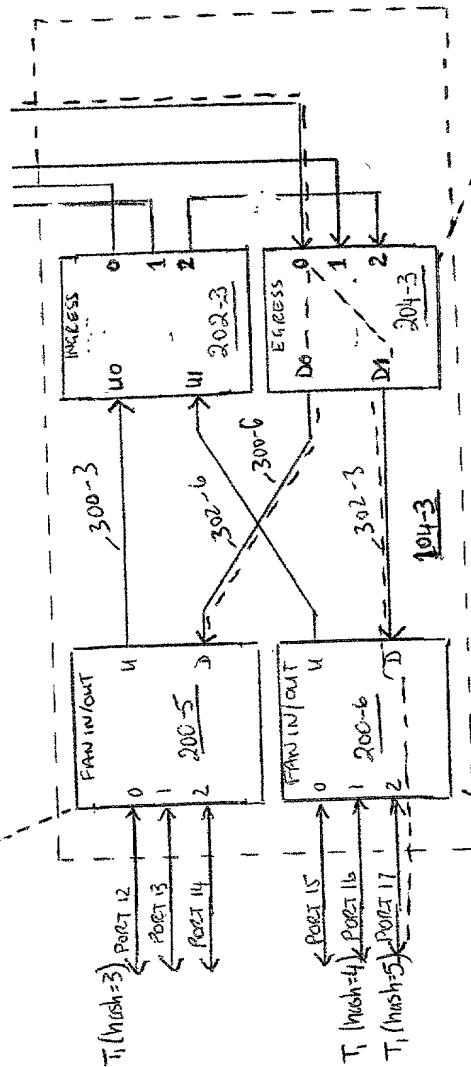


FIG. 3



436 438 440

Matrix	Egress Port	Trunk Table	Port
EST	0 1 2 U	0 1 2 U	
S	0 0 1 1 0	0 0 1 1 1	
S	1 0 1 1 1	1 0 1 1 1	
S	2 0 1 1 1	2 0 1 1 1	
P	3 1 1 1 1	3 1 1 1 1	
P	4 0 1 1 1	4 0 1 1 1	
P	5 0 1 1 1	5 0 1 1 1	



424 426 428

Matrix	Port	Trunk Table	Port
EST	0 1 1 1	0 1 1 1	
S	1 1 1 1	1 1 1 1	
S	2 1 1 1	2 1 1 1	
P	3 1 1 1	3 1 1 1	
P	4 1 1 1	4 1 1 1	
P	5 1 1 1	5 1 1 1	

430 432 434

Matrix	Egress Port	Trunk Table	Port
EST	0 1 2 U	0 1 2 U	
S	0 1 0 0 1	0 1 0 0 1	
S	1 1 0 0 1	1 1 0 0 1	
S	2 1 0 0 1	2 1 0 0 1	
P	3 1 0 0 1	3 1 0 0 1	
P	4 1 1 0 1	4 1 1 0 1	
P	5 1 1 0 1	5 1 1 0 1	

FIG. 4B

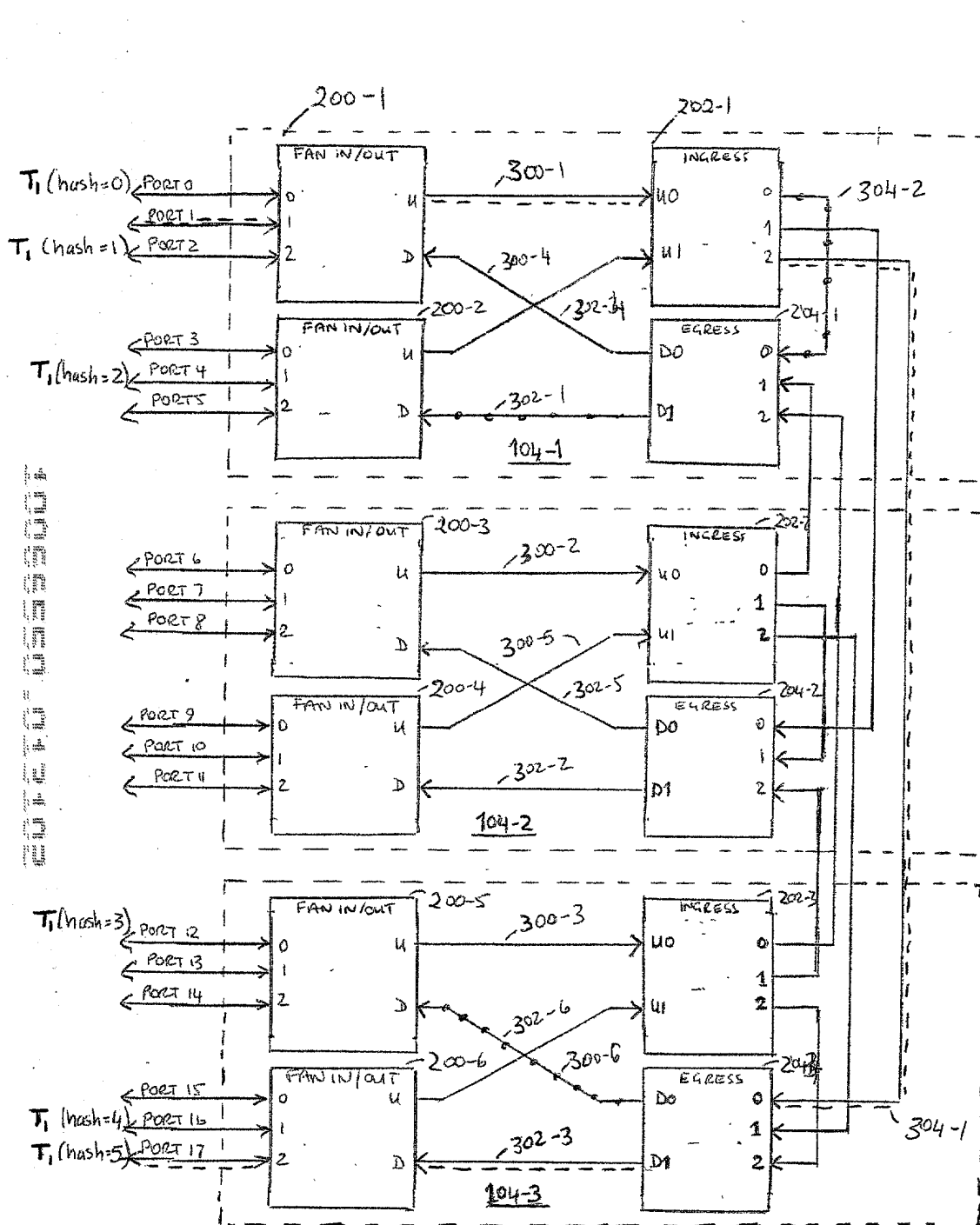


FIG. 5

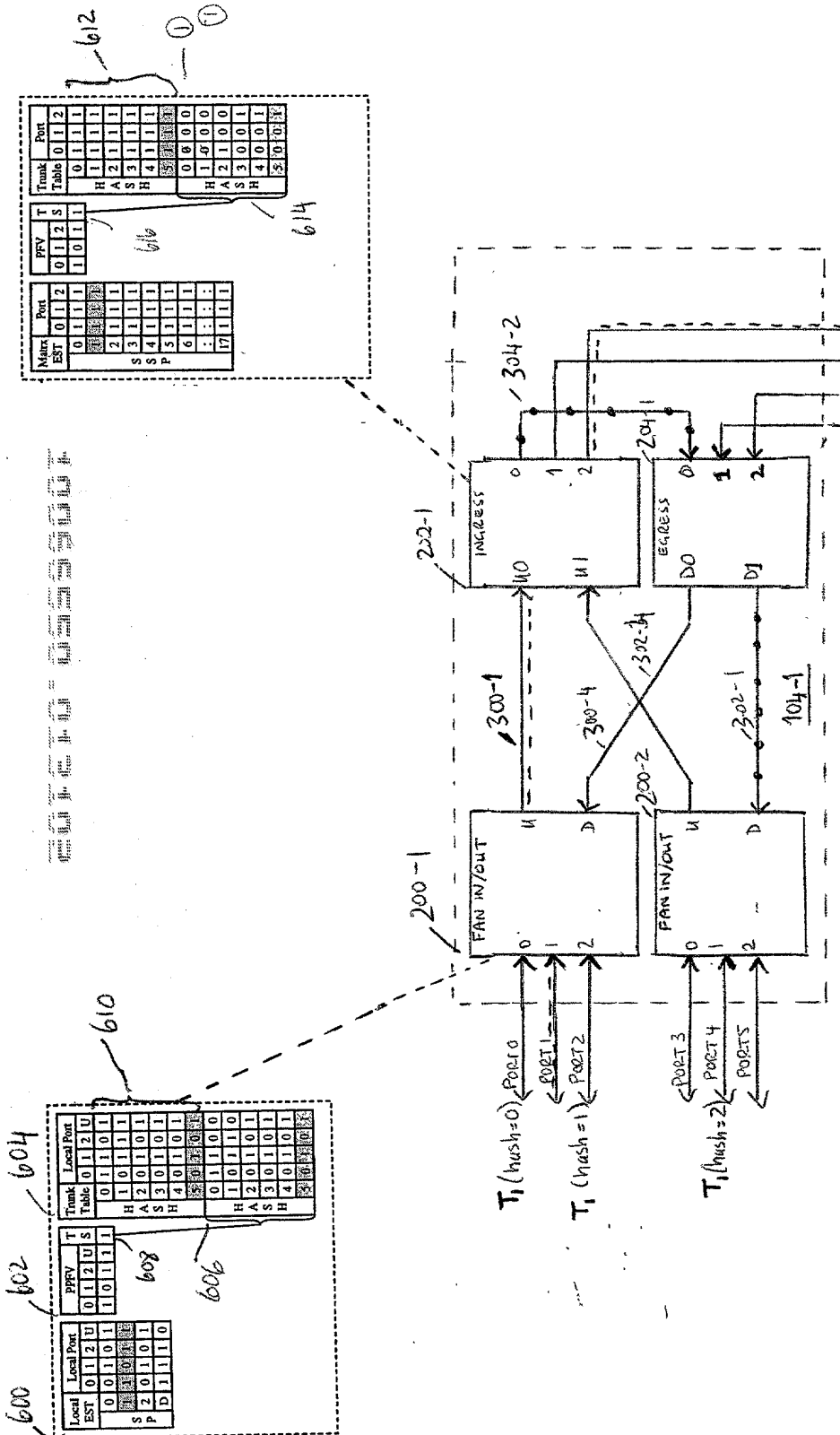


FIG. 6A

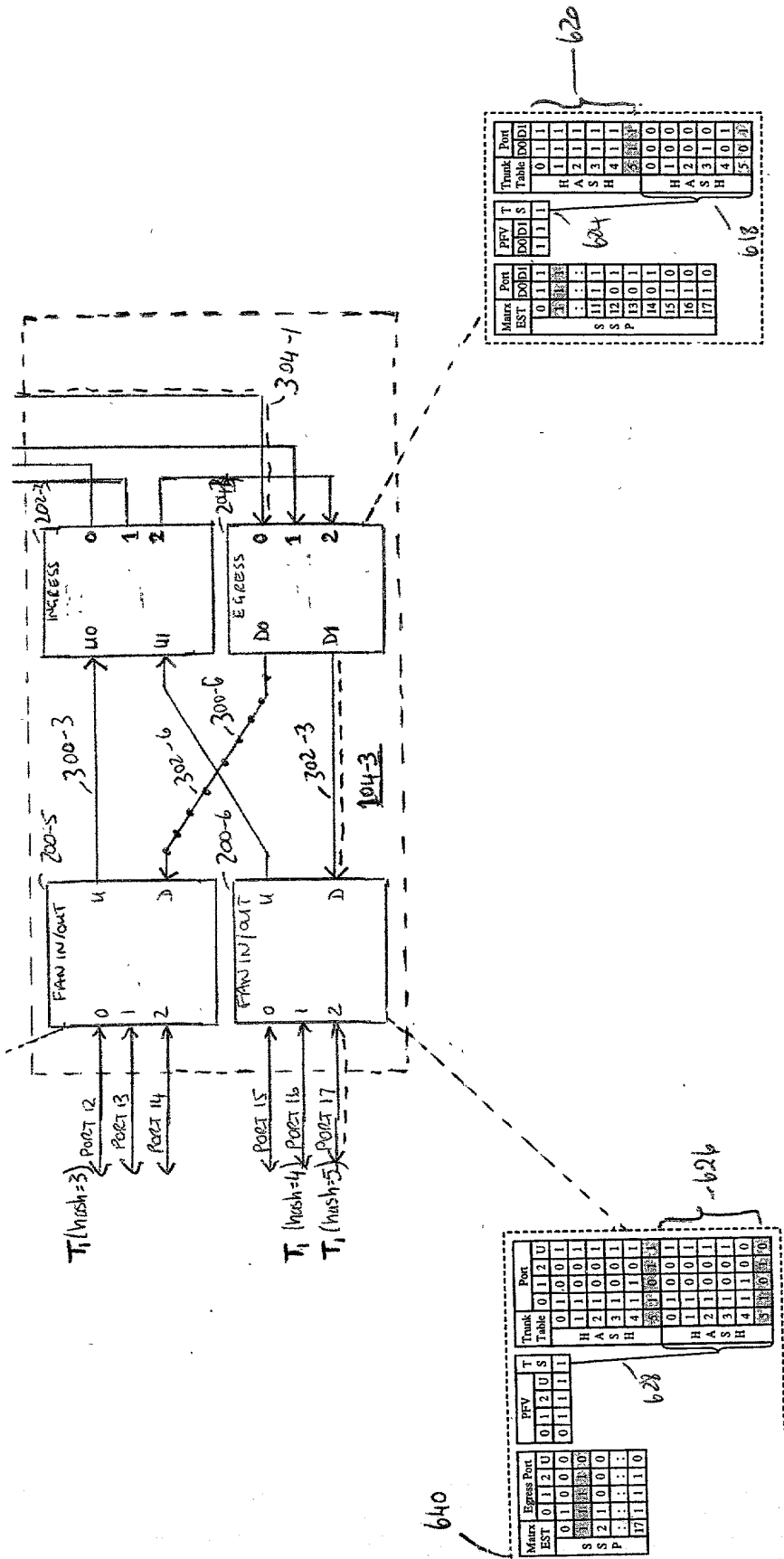
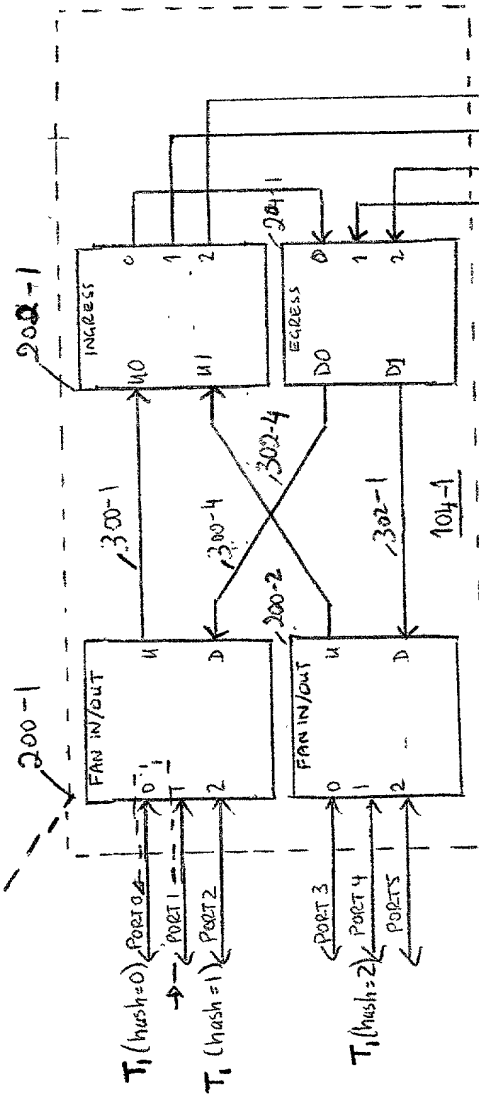


FIG. 6B



7.
6
1

800

PHYSICAL LAYER (L1) HEADER	DATA LINK LAYER (L2) HEADER	NETWORK LAYER (L3) HEADER	TRANSPORT LAYER (L4) HEADER	DATA	CHECKLIST
<u>802</u>	<u>804</u>	<u>806</u>	<u>808</u>	<u>810</u>	<u>812</u>

PRIOR ART
FIG. 8 A

804

L2 DESTINATION ADDRESS (DA)	L2 SOURCE ADDRESS (SA)	VLAN ID (OPTIONAL) (12 BITS)		LENGTH/ TYPE (2 BYTES)
(6 BYTES)	(6 BYTES)	TAG PROTOCOL IDENTIFIER (TPID)	TAG CONTROL INFORMATION (TCI)	
<u>814</u>	<u>816</u>	<u>818a</u>	<u>818b</u>	<u>820</u>

PRIOR ART
FIG. 8 B

806

<u>822</u>	<u>834</u>	<u>836</u>	<u>828</u>	
VERS	HLEN	TOS	TOTAL LENGTH	
<u>830</u>			<u>832</u>	<u>834</u>
IDENTIFICATION			FLAGS	FRAGMENT OFFSET
<u>836</u>	<u>840</u>		<u>842</u>	
TTL	PROTOCOL		HEADER CHECKSUM	
<u>844</u>				
IP SOURCE ADDRESS				
<u>846</u>				
IP DESTINATION ADDRESS				
<u>848</u>				<u>850</u>
OPTIONS				PAD

PRIOR ART
FIG. 8 C

202-1

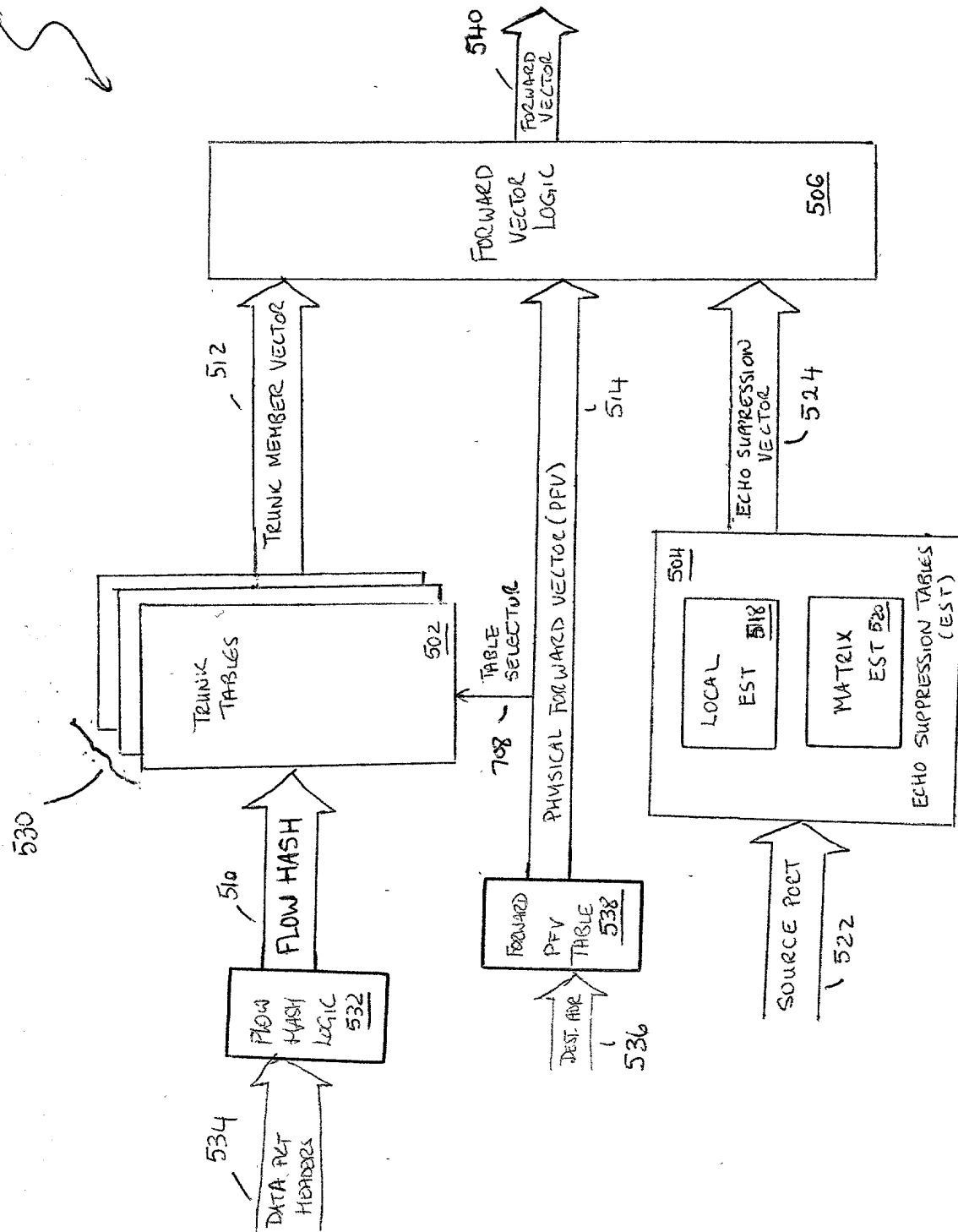


FIG. 9

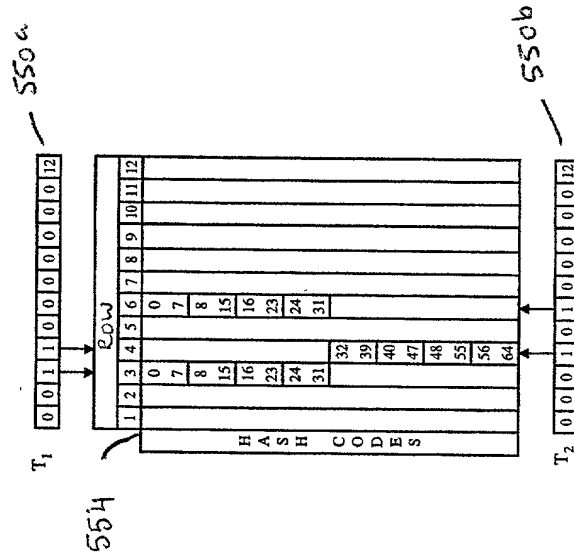


FIG. 10A

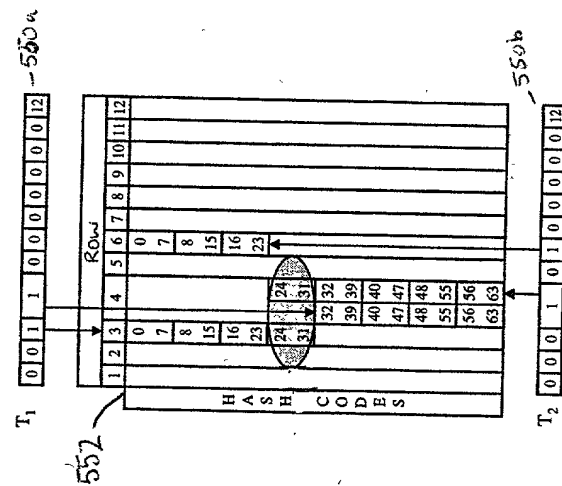


FIG. 10B



FIG. 11